

Akka.net as an example of actor model

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Agenda

- What is actor model?
- What problem does it try to solve?
- What are the real case scenarios for Actor Model?
- Considerations
- Other frameworks and useful resources
- Questions

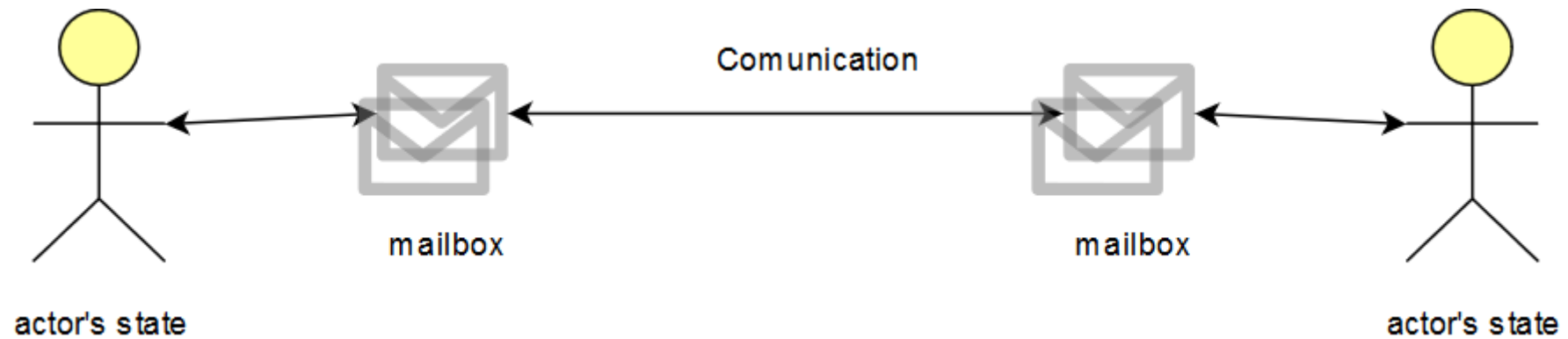
What is Actor Model?

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What is a definition of actor model?



What problem does it try to solve?

Concurrent computation

What are the real case scenarios for Actor Model?

1. Processing streams of data concurrently (e.g. data insertion)
2. Listening for changes in multi tenant system
3. Many, many more 😊

Considerations

Debugging (both in-process and distributed)

Development

Configuration

Deployment

Other frameworks and useful resources

- <https://getakka.net/>
- <https://dotnet.github.io/orleans/>
- <http://proto.actor/>
- <https://www.brianstorti.com/the-actor-model/>

Questions?